

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ARP-SMB 01 104884804	ARP-SMB 02 104884812	ARP-SMB 03 104884820	ARP-SMB 04 104884838	ARP-SMB 05 104884846	ARP-SMB 06 104884853	ARP-SMB 07 104884861
Compound	DL (ng/Kg)							
2,3,7,8-TCDF	0.1	4.27	4.39	0.854	3.55	4.92	5.31	5.16
1,2,3,7,8-PeCDF	0.1	0.606	<DL	0.284	0.961	1.21	0.81	0.505
2,3,4,7,8-PeCDF	0.1	1.31	1.05	<DL	1.39	1.79	1.44	1.57
1,2,3,4,7,8-HxCDF	0.25	<DL						
1,2,3,6,7,8-HxCDF	0.25	<DL						
2,3,4,6,7,8-HxCDF	0.25	<DL						
1,2,3,7,8,9-HxCDF	0.25	<DL						
1,2,3,4,6,7,8-HpCDF	0.5	<DL						
1,2,3,4,7,8,9-HpCDF	0.5	<DL						
OCDF	1	<DL						
2,3,7,8-TCDD	0.1	0.104	0.141	<DL	<DL	0.17	0.146	0.143
1,2,3,7,8-PeCDD	0.1	<DL	<DL	<DL	<DL	<DL	<DL	0.134
1,2,3,4,7,8-HxCDD	0.25	<DL						
1,2,3,6,7,8-HxCDD	0.25	<DL						
1,2,3,7,8,9-HxCDD	0.25	<DL						
1,2,3,4,6,7,8-HpCDD	0.5	<DL	<DL	<DL	<DL	<DL	0.577	<DL
OCDD	1	<DL	<DL	<DL	<DL	1.09	6.34	<DL
Total TEQ (ND=0)		1.217	1.105	0.09961	1.098	1.618	1.442	1.601
Total TEQ (ND=DL)		1.5	1.397	0.5303	1.485	1.902	1.724	1.788
% Lipids		1.93	2.25	1.04	2	1.69	1.26	2.06
Sample weight (g)		30.8	30.3	30.7	30.3	30.6	30.3	30.6

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DEP ID EXT ID		ARP-SMB 08 104884879	ARP-SMB 09 104884887	ARP-SMB 10 104884895	ARP-WHS25 104884481	ARP-WHS29 104884499	ARP-WHS36 104884507	ARP-WHS50 104884515
Compound	DL (ng/Kg)							
2,3,7,8-TCDF	0.1	3.9	2.57	2.27	1.17	10.3	4.62	9.21
1,2,3,7,8-PeCDF	0.1	0.832	0.412	0.462	0.283	<DL	<DL	<DL
2,3,4,7,8-PeCDF	0.1	1.44	0.84	0.823	0.317	1.06	0.673	1.17
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,4,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,7,8,9-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
OCDF	1	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,7,8-TCDD	0.1	0.124	0.101	<DL	<DL	0.157	<DL	0.138
1,2,3,7,8-PeCDD	0.1	0.101	<DL	<DL	<DL	0.148	<DL	<DL
1,2,3,4,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDD	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
OCDD	1	<DL	<DL	<DL	<DL	1.36	<DL	<DL
Total TEQ (ND=0)		1.374	0.7983	0.6612	0.2892	1.868	0.7983	1.645
Total TEQ (ND=DL)		1.56	1.086	1.044	0.6777	2.061	1.192	1.936
% Lipids		1.94	1.17	0.97	1.31	2.47	1.17	2.28
Sample weight (g)		30.6	30.2	30.6	30.1	30.3	30.1	30.4

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DEP ID EXT ID		ARP-WHS51 104884523	ARP-WHS52 104884531	ARP-WHS53 104884549	ARP-WHS54 104884556	ARP-WHS55 104884564	ARP-WHS56 104884572	ARF SMB 01 104884689
Compound	DL (ng/Kg)							
2,3,7,8-TCDF	0.1	7.82	5.38	6.45	5.36	8.29	8.42	0.378
1,2,3,7,8-PeCDF	0.1	0.75	0.54	<DL	0.452	0.765	0.893	<DL
2,3,4,7,8-PeCDF	0.1	0.967	0.627	1.01	0.68	0.969	0.994	0.155
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	0.297	<DL
1,2,3,6,7,8-HxCDF	0.25	0.445	<DL	<DL	<DL	0.25	<DL	<DL
2,3,4,6,7,8-HxCDF	0.25	<DL						
1,2,3,7,8,9-HxCDF	0.25	<DL						
1,2,3,4,6,7,8-HpCDF	0.5	<DL						
1,2,3,4,7,8,9-HpCDF	0.5	<DL						
OCDF	1	<DL						
2,3,7,8-TCDD	0.1	<DL	<DL	0.116	0.104	<DL	0.134	<DL
1,2,3,7,8-PeCDD	0.1	<DL						
1,2,3,4,7,8-HxCDD	0.25	<DL						
1,2,3,6,7,8-HxCDD	0.25	<DL						
1,2,3,7,8,9-HxCDD	0.25	<DL						
1,2,3,4,6,7,8-HpCDD	0.5	<DL						
OCDD	1	<DL						
Total TEQ (ND=0)		1.348	0.879	1.267	1.002	1.377	1.548	0.1155
Total TEQ (ND=DL)		1.712	1.267	1.561	1.284	1.74	1.809	0.5086
% Lipids		2.69	1.53	1.58	1.06	2.28	1.59	0.405
Sample weight (g)		30.1	30.2	30.1	30.9	30.2	30.5	30.2

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DEP ID EXT ID		ARF SMB 02 104884705	ARF SMB 03 104884713	ARF SMB 04 104884739	ARF SMB 05 104884747	ARF SMB 06 104884754	ARF SMB 07 104884762	ARF SMB 08 104884770
Compound	DL (ng/Kg)							
2,3,7,8-TCDF	0.1	1.25	4.16	0.757	1.22	3.68	1.29	1.01
1,2,3,7,8-PeCDF	0.1	0.323	<DL	0.164	0.271	0.766	0.311	0.342
2,3,4,7,8-PeCDF	0.1	0.697	1.13	0.294	0.504	1.59	0.802	0.481
1,2,3,4,7,8-HxCDF	0.25	<DL	0.252	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL	0.257	<DL	<DL	<DL	<DL	<DL
2,3,4,6,7,8-HxCDF	0.25	<DL						
1,2,3,7,8,9-HxCDF	0.25	<DL						
1,2,3,4,6,7,8-HpCDF	0.5	<DL						
1,2,3,4,7,8,9-HpCDF	0.5	<DL						
OCDF	1	<DL						
2,3,7,8-TCDD	0.1	0.115	0.12	<DL	<DL	0.163	0.102	<DL
1,2,3,7,8-PeCDD	0.1	<DL	0.11	<DL	<DL	<DL	<DL	<DL
1,2,3,4,7,8-HxCDD	0.25	<DL						
1,2,3,6,7,8-HxCDD	0.25	<DL						
1,2,3,7,8,9-HxCDD	0.25	<DL						
1,2,3,4,6,7,8-HpCDD	0.5	<DL						
OCDD	1	<DL						
Total TEQ (ND=0)		0.6041	1.262	0.2309	0.3879	1.366	0.6471	0.3589
Total TEQ (ND=DL)		0.8861	1.405	0.6189	0.7773	1.655	0.9332	0.7459
% Lipids		0.137	1.61	0.67	0.95	2.07	0.0934	1.1
Sample weight (g)		30.9	30.5	30.2	30.1	30.2	30.4	30.2

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DEP ID EXT ID		ARF SMB 09 104884788	ARF SMB 10 104884796	ARF WHS 1 104869367	ARF WHS 2 104869375	ARF WHS 3 104869383	ARF WHS 10 104869391	ARF WHS 11 104869409
Compound	DL (ng/Kg)							
2,3,7,8-TCDF	0.1	0.875	1.7	3.6	4.55	6.7	2.88	7.23
1,2,3,7,8-PeCDF	0.1	0.235	0.0979	0.521	0.414	0.83	0.406	0.669
2,3,4,7,8-PeCDF	0.1	0.532	0.216	0.577	0.624	1.08	0.519	1.13
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,4,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,7,8,9-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
OCDF	1	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,7,8-TCDD	0.1	<DL	<DL	0.118	0.135	0.15	0.11	0.205
1,2,3,7,8-PeCDD	0.1	<DL	<DL	<DL	<DL	0.133	<DL	<DL
1,2,3,4,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDD	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
OCDD	1	1.26	<DL	<DL	<DL	<DL	<DL	<DL
Total TEQ (ND=0)		0.3652	0.2832	0.7929	0.9233	1.537	0.6782	1.525
Total TEQ (ND=DL)		0.7485	0.6623	1.081	1.212	1.725	0.9658	1.814
% Lipids		0.696	1.4	3.12	2.99	6.85	3.81	3.88
Sample weight (g)		30.5	30.9	30.2	30.1	30.3	30.3	30.1

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DEP ID EXT ID		ARF WHS 12 104869417	ARF WHS 13 104869425	ARF WHS 14 104869433	ARF WHS 15 104869441	ARF WHS 16 104869458	ARY-SMB01 104910302	ARY-SMB02 104910310
Compound	DL (ng/Kg)							
2,3,7,8-TCDF	0.1	2.33	7.53	4.02	26.8	15.2	0.89	1.32
1,2,3,7,8-PeCDF	0.1	0.267	0.774	0.427	2.54	1.67	0.183	0.203
2,3,4,7,8-PeCDF	0.1	0.393	1.18	0.654	4	2.53	0.464	0.402
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	<DL	0.586	0.513	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,4,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,7,8,9-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
OCDF	1	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,7,8-TCDD	0.1	<DL	0.206	0.139	0.788	0.349	<DL	<DL
1,2,3,7,8-PeCDD	0.1	<DL	0.159	<DL	0.482	0.279	<DL	<DL
1,2,3,4,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDD	0.25	<DL	<DL	<DL	0.427	0.359	<DL	<DL
1,2,3,7,8,9-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDD	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
OCDD	1	<DL	<DL	<DL	<DL	<DL	<DL	<DL
Total TEQ (ND=0)		0.4423	1.747	0.8899	6.174	3.587	0.3299	0.3437
Total TEQ (ND=DL)		0.8303	1.935	1.18	6.313	3.725	0.7111	0.7295
% Lipids		1.94	4.24	4.38	12.7	8.94	1.5	0.987
Sample weight (g)		30.2	30.3	30	30.4	30.5	30.7	30.3

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DEP ID EXT ID		ARY-SMB03 104910328	ARY-SMB04 104910344	ARY-SMB05 104910351	ARY-SMB06 104910369	ARY-SMB07 104910377	ARY-SMB08 104910385	ARY-SMB09 104910393	ARY-SMB10 104910401
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	<DL	0.651	0.499	0.7	0.629	0.559	0.945	0.985
1,2,3,7,8-PeCDF	0.1	<DL	0.218	<DL	<DL	0.189	<DL	0.298	0.354
2,3,4,7,8-PeCDF	0.1	0.275	0.385	0.218	0.269	0.384	0.271	0.55	0.567
1,2,3,4,7,8-HxCDF	0.25	<DL							
1,2,3,6,7,8-HxCDF	0.25	<DL							
2,3,4,6,7,8-HxCDF	0.25	<DL							
1,2,3,7,8,9-HxCDF	0.25	<DL							
1,2,3,4,6,7,8-HpCDF	0.5	<DL	0.711						
1,2,3,4,7,8,9-HpCDF	0.5	<DL							
OCDF	1	<DL							
2,3,7,8-TCDD	0.1	<DL	0.138						
1,2,3,7,8-PeCDD	0.1	<DL							
1,2,3,4,7,8-HxCDD	0.25	<DL							
1,2,3,6,7,8-HxCDD	0.25	<DL							
1,2,3,7,8,9-HxCDD	0.25	<DL							
1,2,3,4,6,7,8-HpCDD	0.5	<DL	<DL	<DL	0.85	1.54	<DL	<DL	<DL
OCDD	1	<DL	<DL	<DL	5.4	19	<DL	<DL	<DL
Total TEQ (ND=0)	0.1377	0.2683	0.1591	0.2136	0.2818	0.1917	0.3842	0.5444	
Total TEQ (ND=DL)	0.5405	0.6567	0.5525	0.5959	0.656	0.5849	0.7723	0.8678	
% Lipids	0.74	1.49	0.759	1.38	0.676	1.41	1.18	0.815	
Sample weight (g)	30.2	30.1	30.1	30.6	30.9	30.2	30.2	30.6	

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DEP ID EXT ID		ARY-SMB11 104910419	ARY-SMB12 104910435	ARY-SMB13 104910450	ARY-SMB14 104910468	ARY-SMB15 104910484	ARY-SMB16 104910492	ARY-SMB17 104910500	ARY-SMB18 104910518
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	1.17	0.517	0.702	1.38	0.496	0.627	2.17	0.896
1,2,3,7,8-PeCDF	0.1	<DL	0.15	0.219	0.412	0.111	<DL	0.67	0.217
2,3,4,7,8-PeCDF	0.1	0.353	0.274	0.407	0.72	0.192	0.229	0.884	0.437
1,2,3,4,7,8-HxCDF	0.25	<DL							
1,2,3,6,7,8-HxCDF	0.25	<DL							
2,3,4,6,7,8-HxCDF	0.25	<DL							
1,2,3,7,8,9-HxCDF	0.25	<DL							
1,2,3,4,6,7,8-HpCDF	0.5	<DL	<DL	<DL	0.983	<DL	<DL	1.22	<DL
1,2,3,4,7,8,9-HpCDF	0.5	<DL							
OCDF	1	<DL							
2,3,7,8-TCDD	0.1	<DL	<DL	<DL	0.124	<DL	<DL	0.203	<DL
1,2,3,7,8-PeCDD	0.1	<DL							
1,2,3,4,7,8-HxCDD	0.25	<DL							
1,2,3,6,7,8-HxCDD	0.25	<DL							
1,2,3,7,8,9-HxCDD	0.25	<DL							
1,2,3,4,6,7,8-HpCDD	0.5	1.13	<DL						
OCDD	1	7.67	<DL						
Total TEQ (ND=0)		0.3055	0.1963	0.2844	0.6529	0.1513	0.1772	0.9071	0.3189
Total TEQ (ND=DL)		0.6897	0.5819	0.6651	0.9373	0.5319	0.5837	1.19	0.7038
% Lipids		0.999	0.675	0.852	1.59	0.845	0.567	2.46	0.494
Sample weight (g)		30.7	30.4	30.8	30.1	30.8	30.7	30.2	30.4

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DEP ID EXT ID		ARY-SMB19 104910526	ARY-SMB20 104910534	ARY-SMB21 104910542	ARY-SMB22 104910559	ARY-SMB23 104910567	ARY-SMB24 104910575	ARY-SMB25 104910583	ARY-SMB26 104910591
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	0.894	1.7	1.32	1.01	0.446	0.587	0.615	0.613
1,2,3,7,8-PeCDF	0.1	0.176	0.5	0.321	0.405	0.138	0.192	0.176	0.154
2,3,4,7,8-PeCDF	0.1	0.316	0.643	0.372	0.541	0.232	0.44	0.27	0.309
1,2,3,4,7,8-HxCDF	0.25	<DL							
1,2,3,6,7,8-HxCDF	0.25	<DL							
2,3,4,6,7,8-HxCDF	0.25	<DL							
1,2,3,7,8,9-HxCDF	0.25	<DL							
1,2,3,4,6,7,8-HpCDF	0.5	<DL							
1,2,3,4,7,8,9-HpCDF	0.5	<DL							
OCDF	1	<DL							
2,3,7,8-TCDD	0.1	0.11	0.112	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8-PeCDD	0.1	<DL							
1,2,3,4,7,8-HxCDD	0.25	<DL							
1,2,3,6,7,8-HxCDD	0.25	<DL							
1,2,3,7,8,9-HxCDD	0.25	<DL							
1,2,3,4,6,7,8-HpCDD	0.5	<DL							
OCDD	1	<DL							
Total TEQ (ND=0)		0.3661	0.6292	0.3335	0.3915	0.1676	0.2882	0.2052	0.2234
Total TEQ (ND=DL)		0.653	0.9167	0.7228	0.7766	0.5562	0.6755	0.595	0.6122
% Lipids		0.867	1.4	1.22	1.44	0.304	0.824	0.38	0.32
Sample weight (g)		30.4	30.3	30.1	30.4	30.1	30.2	30	30.1

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DEP ID EXT ID		ARY-SMB27 104910609	ARY-SMB28 104910617	ARY-SMB29 104910625	ARY-SMB30 104910633	ARY WHS 1 104970470	ARY WHS 2 104970488	ARY WHS 3 104970496	ARY WHS 4 104970504
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	0.518	0.686	0.401	0.836	5.85	21.1	20	5.54
1,2,3,7,8-PeCDF	0.1	0.141	0.14	0.113	0.175	0.547	1.17	0.966	<DL
2,3,4,7,8-PeCDF	0.1	0.238	0.257	0.214	0.278	0.79	2.44	2.46	0.75
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	0.643	0.692	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL							
2,3,4,6,7,8-HxCDF	0.25	<DL							
1,2,3,7,8,9-HxCDF	0.25	<DL							
1,2,3,4,6,7,8-HpCDF	0.5	<DL							
1,2,3,4,7,8,9-HpCDF	0.5	<DL							
OCDF	1	<DL							
2,3,7,8-TCDD	0.1	<DL	<DL	<DL	<DL	0.173	0.439	0.504	0.155
1,2,3,7,8-PeCDD	0.1	<DL	<DL	<DL	<DL	<DL	0.249	0.281	<DL
1,2,3,4,7,8-HxCDD	0.25	<DL							
1,2,3,6,7,8-HxCDD	0.25	<DL							
1,2,3,7,8,9-HxCDD	0.25	<DL							
1,2,3,4,6,7,8-HpCDD	0.5	<DL							
OCDD	1	1.13	<DL						
Total TEQ (ND=0)		0.1781	0.204	0.153	0.2314	1.181	4.143	4.134	1.084
Total TEQ (ND=DL)		0.5668	0.5939	0.5352	0.6169	1.47	4.305	4.295	1.37
% Lipids		0.55	0.46	0.5	0.56	2.2	5.6	3.04	2.25
Sample weight (g)		30.1	30	30.6	30.4	30.2	30.5	30.7	30.9

**APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES**

DEP ID EXT ID		ARY WHS 5 104970512	ARY WHS 6 104970520	ARY WHS 7 104970538	ARY WHS 8 104970546	ARY WHS 9 104970553	ARY WHS 10 104970561	ARY WHS 11 104970579
Compound	DL (ng/Kg)							
2,3,7,8-TCDF	0.1	4.52	7.92	8.85	4.22	6.86	20.5	13.7
1,2,3,7,8-PeCDF	0.1	0.361	0.638	0.57	0.337	0.755	1.11	1.41
2,3,4,7,8-PeCDF	0.1	0.589	0.948	1	0.541	1.02	2.94	2.16
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	0.251	<DL	<DL	0.452	0.298
1,2,3,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,4,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	1.54
1,2,3,4,7,8,9-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
OCDF	1	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,7,8-TCDD	0.1	0.111	0.167	0.217	<DL	0.19	0.637	0.357
1,2,3,7,8-PeCDD	0.1	<DL	<DL	<DL	<DL	<DL	0.291	0.194
1,2,3,4,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	0.353	<DL
1,2,3,7,8,9-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDD	0.5	0.618	0.941	<DL	<DL	<DL	<DL	<DL
OCDD	1	3.63	14.9	<DL	<DL	<DL	<DL	1.02
Total TEQ (ND=0)		0.8824	1.476	1.656	0.7094	1.426	4.584	3.118
Total TEQ (ND=DL)		1.164	1.76	1.92	1.098	1.707	4.723	3.278
% Lipids		2.96	2.74	4.49	0.49	1.61	6.56	5.04
Sample weight (g)		30.4	30.1	30.1	30.1	31	30.3	30.1

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ARY WHS 12 104970587	ARY WHS 13 104970595	ARY WHS 14 104970603	ARY WHS 15 104970611	ARY WHS 16 104970629	ARY WHS 17 104970637	ARY WHS 18 104970645
Compound	DL (ng/Kg)							
2,3,7,8-TCDF	0.1	5.08	4.34	9.64	10.7	11.3	2.27	5.13
1,2,3,7,8-PeCDF	0.1	0.375	0.323	0.782	0.909	1.34	0.197	0.335
2,3,4,7,8-PeCDF	0.1	0.503	0.554	1.32	1.35	1.92	0.315	0.55
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	0.389	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL						
2,3,4,6,7,8-HxCDF	0.25	<DL						
1,2,3,7,8,9-HxCDF	0.25	<DL						
1,2,3,4,6,7,8-HpCDF	0.5	1.53	<DL	0.988	0.908	2.43	<DL	<DL
1,2,3,4,7,8,9-HpCDF	0.5	<DL						
OCDF	1	<DL						
2,3,7,8-TCDD	0.1	0.147	0.127	0.258	0.326	0.291	<DL	0.144
1,2,3,7,8-PeCDD	0.1	<DL	<DL	0.121	0.167	0.215	<DL	<DL
1,2,3,4,7,8-HxCDD	0.25	<DL						
1,2,3,6,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	0.262	<DL	<DL
1,2,3,7,8,9-HxCDD	0.25	<DL						
1,2,3,4,6,7,8-HpCDD	0.5	<DL	0.539	<DL	0.566	<DL	<DL	<DL
OCDD	1	<DL	6.71	<DL	7.97	<DL	<DL	<DL
Total TEQ (ND=0)		0.9411	0.8601	2.051	2.294	2.752	0.3939	0.9489
Total TEQ (ND=DL)		1.219	1.139	2.232	2.469	2.886	0.7818	1.237
% Lipids		2.55	1.94	3.94	4.5	3.62	2.08	2.33
Sample weight (g)		30.8	30.7	30.6	31	30.3	30.2	30.2

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ARY WHS 19 104970652	ARY WHS 20 104970660	ARY WHS 21 104970678	ARY WHS 22 104970686	ARY WHS 23 104970694	ARY WHS 24 104970702	ARY WHS 25 104970710
Compound	DL (ng/Kg)							
2,3,7,8-TCDF	0.1	9.72	8.96	13.8	6.54	4.16	15.8	7.46
1,2,3,7,8-PeCDF	0.1	0.923	0.814	1.28	0.569	0.226	0.668	0.358
2,3,4,7,8-PeCDF	0.1	1.27	1.35	1.91	1.04	0.444	1.77	0.68
1,2,3,4,7,8-HxCDF	0.25	<DL	0.258	0.334	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL						
2,3,4,6,7,8-HxCDF	0.25	<DL						
1,2,3,7,8,9-HxCDF	0.25	<DL						
1,2,3,4,6,7,8-HpCDF	0.5	0.623	0.786	0.498	<DL	<DL	<DL	<DL
1,2,3,4,7,8,9-HpCDF	0.5	<DL						
OCDF	1	<DL						
2,3,7,8-TCDD	0.1	0.276	0.248	0.355	0.188	0.114	0.418	0.159
1,2,3,7,8-PeCDD	0.1	0.114	0.132	0.212	<DL	<DL	0.165	<DL
1,2,3,4,7,8-HxCDD	0.25	<DL						
1,2,3,6,7,8-HxCDD	0.25	<DL						
1,2,3,7,8,9-HxCDD	0.25	<DL						
1,2,3,4,6,7,8-HpCDD	0.5	0.583	<DL	<DL	<DL	<DL	<DL	<DL
OCDD	1	5.73	1.01	<DL	<DL	<DL	<DL	<DL
Total TEQ (ND=0)		2.057	2.024	3.001	1.39	0.7627	3.086	1.263
Total TEQ (ND=DL)		2.237	2.183	3.16	1.674	1.05	3.276	1.546
% Lipids		4.16	3.43	5.78	3.18	2.14	5.79	4.19
Sample weight (g)		30.1	30.2	30.2	30.6	30.3	30	30.8

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ARY WHS 26 104970728	ARY WHS 27 104970736	ARY WHS 28 104970744	ARY WHS 29 104970751	ARY WHS 30 104970769	ALVSMB 1 104944111	ALVSMB 2 104944129	ALVSMB 3 104944137
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	11.5	7.73	10.2	5.59	7.67	0.545	0.451	0.213
1,2,3,7,8-PeCDF	0.1	0.604	0.463	0.59	0.312	0.475	0.135	0.115	<DL
2,3,4,7,8-PeCDF	0.1	1.31	0.892	1.19	0.544	1.05	0.272	0.193	<DL
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,4,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,7,8,9-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
OCDF	1	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,7,8-TCDD	0.1	0.285	0.164	0.245	0.149	0.191	0.102	<DL	<DL
1,2,3,7,8-PeCDD	0.1	<DL	<DL	<DL	<DL	0.128	<DL	<DL	<DL
1,2,3,4,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDD	0.5	0.551	<DL	<DL	<DL	0.502	<DL	<DL	<DL
OCDD	1	4.44	4.17	<DL	<DL	2.76	<DL	<DL	<DL
Total TEQ (ND=0)		2.133	1.407	1.896	0.9957	1.64	0.2987	0.1476	0.02128
Total TEQ (ND=DL)		2.413	1.697	2.178	1.277	1.825	0.5865	0.5344	0.4635
% Lipids		4.19	3.83	3.68	2.61	4.1	1.21	1.04	0.298
Sample weight (g)		30.6	30	30.9	30.9	30.1	30.2	30.3	30.2

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID		ALVSMB 4	ALVSMB 5	ALVSMB 6	ALVSMB 7	ALVSMB 8	ALVSMB 9	ALVSMB 10	ALVSMB 11
EXT ID		104944145	104944152	104944160	104944178	104944186	104944194	104944202	104944210
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	0.221	0.471	1.14	0.125	0.455	0.398	0.313	0.513
1,2,3,7,8-PeCDF	0.1	<DL	0.127	0.259	<DL	<DL	0.211	<DL	0.169
2,3,4,7,8-PeCDF	0.1	<DL	<DL	0.308	0.107	0.199	0.339	0.149	0.266
1,2,3,4,7,8-HxCDF	0.25	<DL							
1,2,3,6,7,8-HxCDF	0.25	<DL							
2,3,4,6,7,8-HxCDF	0.25	<DL							
1,2,3,7,8,9-HxCDF	0.25	<DL							
1,2,3,4,6,7,8-HpCDF	0.5	<DL							
1,2,3,4,7,8,9-HpCDF	0.5	<DL							
OCDF	1	<DL							
2,3,7,8-TCDD	0.1	<DL							
1,2,3,7,8-PeCDD	0.1	<DL							
1,2,3,4,7,8-HxCDD	0.25	<DL							
1,2,3,6,7,8-HxCDD	0.25	<DL							
1,2,3,7,8,9-HxCDD	0.25	<DL							
1,2,3,4,6,7,8-HpCDD	0.5	<DL							
OCDD	1	<DL	1.01	<DL	<DL	<DL	<DL	<DL	<DL
Total TEQ (ND=0)		0.02206	0.05358	0.2807	0.06615	0.1451	0.2199	0.1058	0.1926
Total TEQ (ND=DL)		0.4656	0.48	0.6681	0.4569	0.5403	0.6079	0.4911	0.581
% Lipids		1.47	0.82	1.4	0.264	0.902	0.96	0.922	0.36
Sample weight (g)		30.1	31	30.2	30.3	30	30.2	30.8	30.1

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ALVSMB 12 104944228	ALVSMB 13 104944236	ALVSMB 14 104944244	ALVSMB 15 104944251	ALVSMB 16 104944269	ALVSMB 17 104944277	ALVSMB 18 104944285	ALVSMB 19 104944293
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	<DL	0.809	0.362	1.23	0.548	0.787	0.322	0.63
1,2,3,7,8-PeCDF	0.1	0.242	0.205	<DL	0.287	<DL	0.183	0.102	0.183
2,3,4,7,8-PeCDF	0.1	0.726	0.281	0.18	0.516	0.253	0.445	0.142	<DL
1,2,3,4,7,8-HxCDF	0.25	<DL							
1,2,3,6,7,8-HxCDF	0.25	<DL							
2,3,4,6,7,8-HxCDF	0.25	<DL							
1,2,3,7,8,9-HxCDF	0.25	<DL							
1,2,3,4,6,7,8-HpCDF	0.5	<DL							
1,2,3,4,7,8,9-HpCDF	0.5	<DL							
OCDF	1	<DL							
2,3,7,8-TCDD	0.1	0.141	0.101	<DL	0.152	<DL	0.107	<DL	0.185
1,2,3,7,8-PeCDD	0.1	<DL							
1,2,3,4,7,8-HxCDD	0.25	<DL							
1,2,3,6,7,8-HxCDD	0.25	<DL							
1,2,3,7,8,9-HxCDD	0.25	<DL							
1,2,3,4,6,7,8-HpCDD	0.5	<DL							
OCDD	1	<DL							
Total TEQ (ND=0)		0.516	0.3324	0.126	0.5471	0.1813	0.4172	0.1081	0.2576
Total TEQ (ND=DL)		0.8155	0.6207	0.5141	0.8289	0.5671	0.7065	0.489	0.5931
% Lipids		0.16	0.87	0.45	1.39	0.772	0.596	0.656	0.805
Sample weight (g)		30.1	30.2	30.6	30.9	30.7	30.1	30.7	30.4

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ALVSMB 20 104944301	ALVSMB 21 104944319	ALVSMB 22 104944327	ALVSMB 23 104944335	ALVSMB 24 104944343	ALVSMB 25 104944350	ALVSMB 26 104944368	ALVSMB 27 104944376
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	0.299	0.408	0.301	0.524	0.721	0.152	0.532	0.25
1,2,3,7,8-PeCDF	0.1	<DL	0.127	<DL	0.13	0.128	<DL	<DL	<DL
2,3,4,7,8-PeCDF	0.1	0.151	0.296	0.338	0.201	0.354	<DL	0.195	<DL
1,2,3,4,7,8-HxCDF	0.25	<DL							
1,2,3,6,7,8-HxCDF	0.25	<DL							
2,3,4,6,7,8-HxCDF	0.25	<DL							
1,2,3,7,8,9-HxCDF	0.25	<DL							
1,2,3,4,6,7,8-HpCDF	0.5	<DL							
1,2,3,4,7,8,9-HpCDF	0.5	<DL							
OCDF	1	<DL							
2,3,7,8-TCDD	0.1	<DL	<DL	<DL	0.132	0.118	<DL	<DL	<DL
1,2,3,7,8-PeCDD	0.1	<DL							
1,2,3,4,7,8-HxCDD	0.25	<DL							
1,2,3,6,7,8-HxCDD	0.25	<DL							
1,2,3,7,8,9-HxCDD	0.25	<DL							
1,2,3,4,6,7,8-HpCDD	0.5	<DL							
OCDD	1	<DL							
Total TEQ (ND=0)		0.1056	0.1952	0.1991	0.2918	0.3736	0.01524	0.1509	0.02499
Total TEQ (ND=DL)		0.4887	0.5818	0.5872	0.5806	0.6634	0.4601	0.5361	0.4659
% Lipids		0.508	0.44	0.518	0.732	0.845	0.232	0.647	0.264
Sample weight (g)		31	30.3	30.6	30.1	30	30	30.8	30.3

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ALVSMB 28 104944384	ALVSMB 29 104944392	ALVSMB 30 104944400	ALV-WHS01 104969753	ALV-WHS02 104969761	ALV-WHS03 104969779	ALV-WHS04 104969787	ALV-WHS05 104969795
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	0.28	0.747	0.817	5.9	14.9	5.42	3.69	2.65
1,2,3,7,8-PeCDF	0.1	<DL	0.236	0.274	0.578	1.18	0.307	<DL	0.229
2,3,4,7,8-PeCDF	0.1	0.188	0.462	0.418	0.889	1.7	0.518	0.449	0.337
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	0.34	<DL	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL							
2,3,4,6,7,8-HxCDF	0.25	<DL							
1,2,3,7,8,9-HxCDF	0.25	<DL							
1,2,3,4,6,7,8-HpCDF	0.5	<DL	<DL	<DL	<DL	0.754	<DL	<DL	<DL
1,2,3,4,7,8,9-HpCDF	0.5	<DL							
OCDF	1	<DL							
2,3,7,8-TCDD	0.1	<DL	0.188	<DL	0.195	0.515	0.203	0.132	0.104
1,2,3,7,8-PeCDD	0.1	<DL	<DL	<DL	<DL	0.221	<DL	<DL	<DL
1,2,3,4,7,8-HxCDD	0.25	<DL							
1,2,3,6,7,8-HxCDD	0.25	<DL							
1,2,3,7,8,9-HxCDD	0.25	<DL							
1,2,3,4,6,7,8-HpCDD	0.5	<DL	<DL	0.682	0.551	<DL	<DL	<DL	<DL
OCDD	1	<DL	1.04	8.04	6.65	1.67	1.13	<DL	<DL
Total TEQ (ND=0)		0.1222	0.5052	0.312	1.264	3.175	1.02	0.7258	0.5491
Total TEQ (ND=DL)		0.5148	0.7948	0.6919	1.546	3.333	1.303	1.02	0.8375
% Lipids		0.35	0.842	0.742	2.99	7.38	2.82	1.85	1.79
Sample weight (g)		30.2	30.1	30.4	30.4	30.6	30.8	30.1	30.2

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID		ALV-WHS06	ALV-WHS07	ALV-WHS08	ALV-WHS09	ALV-WHS10	ALV-WHS11	ALV-WHS12	ALV-WHS13	
EXT ID		104969803	104969811	104969829	104969837	104969845	104969902	104969910	104969928	
Compound	DL (ng/Kg)									
2,3,7,8-TCDF	0.1	9.11	3.31	4.97	6.89	5.08	9.01	4.66	13.1	
1,2,3,7,8-PeCDF	0.1	0.573	0.215	0.361	0.369	0.49	0.617	0.288	0.777	
2,3,4,7,8-PeCDF	0.1	0.818	0.345	0.585	0.644	0.716	1.19	0.594	1.68	
1,2,3,4,7,8-HxCDF	0.25	<DL								
1,2,3,6,7,8-HxCDF	0.25	<DL	<DL	<DL	0.441	<DL	<DL	<DL	<DL	
2,3,4,6,7,8-HxCDF	0.25	<DL								
1,2,3,7,8,9-HxCDF	0.25	<DL								
1,2,3,4,6,7,8-HpCDF	0.5	<DL								
1,2,3,4,7,8,9-HpCDF	0.5	<DL								
OCDF	1	<DL								
2,3,7,8-TCDD	0.1	<DL	0.104	0.196	0.221	0.161	0.431	0.193	0.518	
1,2,3,7,8-PeCDD	0.1	0.109	<DL	<DL	<DL	<DL	0.202	<DL	0.213	
1,2,3,4,7,8-HxCDD	0.25	<DL								
1,2,3,6,7,8-HxCDD	0.25	<DL								
1,2,3,7,8,9-HxCDD	0.25	<DL								
1,2,3,4,6,7,8-HpCDD	0.5	<DL	1.54	<DL	<DL	<DL	0.514	<DL	<DL	
OCDD	1	<DL	30.2	<DL	2.26	<DL	5.26	<DL	1.66	
Total TEQ (ND=0)		1.457	0.637	1.004	1.294	1.052	2.164	0.9707	2.919	
Total TEQ (ND=DL)		1.746	0.9199	1.29	1.557	1.341	2.346	1.259	3.107	
% Lipids		3.16	1.55	3.75	3.55	2.35	3.67	2.5	6.22	
Sample weight (g)		30.1	30.2	30.4	30.3	30.1	30.6	30.2	30.2	

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID		ALV-WHS14	ALV-WHS15	ALV-WHS16	ALV-WHS17	ALV-WHS18	ALV-WHS19	ALV-WHS20	ALV-WHS21	
EXT ID		104969936	104969944	104969951	104969969	104969977	104969985	104969993	104970009	
Compound	DL (ng/Kg)									
2,3,7,8-TCDF	0.1	4.13	6.21	8.57	14.5	3.09	4.08	13.1	7.23	
1,2,3,7,8-PeCDF	0.1	<DL	0.362	0.542	0.858	<DL	0.396	1.16	0.54	
2,3,4,7,8-PeCDF	0.1	0.579	0.617	1.1	1.51	0.338	0.558	2.08	0.96	
1,2,3,4,7,8-HxCDF	0.25	<DL	0.26							
1,2,3,6,7,8-HxCDF	0.25	<DL								
2,3,4,6,7,8-HxCDF	0.25	<DL								
1,2,3,7,8,9-HxCDF	0.25	<DL								
1,2,3,4,6,7,8-HpCDF	0.5	<DL								
1,2,3,4,7,8,9-HpCDF	0.5	<DL								
OCDF	1	<DL								
2,3,7,8-TCDD	0.1	0.201	0.244	0.273	0.589	0.301	<DL	0.374	0.299	
1,2,3,7,8-PeCDD	0.1	<DL	0.0997	0.221	0.24	<DL	<DL	<DL	0.133	
1,2,3,4,7,8-HxCDD	0.25	<DL								
1,2,3,6,7,8-HxCDD	0.25	<DL								
1,2,3,7,8,9-HxCDD	0.25	<DL								
1,2,3,4,6,7,8-HpCDD	0.5	<DL								
OCDD	1	2.56	2.19	<DL	<DL	<DL	<DL	<DL	1.16	
Total TEQ (ND=0)		0.903	1.291	1.927	3.079	0.7789	0.7073	2.784	1.687	
Total TEQ (ND=DL)		1.191	1.48	2.114	3.266	1.071	1.096	3.072	1.851	
% Lipids		2.01	2.74	2.64	9.01	0.97	1.56	3.6	2.23	
Sample weight (g)		30.7	30.2	30.4	30.4	30.3	30.1	30.2	30.2	

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ALV-WHS22 104970017	ALV-WHS23 104970025	ALV-WHS24 104970033	ALV-WHS25 104970041	ALV-WHS26 104970058	ALV-WHS27 104970066	ALV-WHS28 104970074	ALV-WHS29 104970082
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	7.83	13.1	8.95	7.33	8.03	6.42	13.6	5.51
1,2,3,7,8-PeCDF	0.1	0.561	1.62	0.609	0.54	0.49	0.482	0.771	0.417
2,3,4,7,8-PeCDF	0.1	0.888	2.16	0.972	0.917	0.761	0.71	1.56	0.669
1,2,3,4,7,8-HxCDF	0.25	<DL	0.456	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL							
2,3,4,6,7,8-HxCDF	0.25	<DL							
1,2,3,7,8,9-HxCDF	0.25	<DL							
1,2,3,4,6,7,8-HpCDF	0.5	<DL							
1,2,3,4,7,8,9-HpCDF	0.5	<DL							
OCDF	1	<DL							
2,3,7,8-TCDD	0.1	0.282	0.455	0.306	0.271	0.252	0.274	0.481	0.262
1,2,3,7,8-PeCDD	0.1	0.152	0.268	0.168	0.15	0.106	<DL	0.182	0.134
1,2,3,4,7,8-HxCDD	0.25	<DL							
1,2,3,6,7,8-HxCDD	0.25	<DL	0.34	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDD	0.25	<DL							
1,2,3,4,6,7,8-HpCDD	0.5	<DL	0.532	<DL	<DL	<DL	<DL	<DL	<DL
OCDD	1	<DL	2.9	<DL	<DL	<DL	<DL	<DL	1.13
Total TEQ (ND=0)		1.69	3.284	1.886	1.64	1.566	1.294	2.841	1.303
Total TEQ (ND=DL)		1.877	3.418	2.069	1.829	1.755	1.58	3.031	1.492
% Lipids		2.52	3.14	3.4	3.22	2.42	3.21	4.26	2.58
Sample weight (g)		30.5	30	31.1	30.1	30.1	30.4	30.1	30.2

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ALV-WHS30 104970108	ALV-WHSC1 104969860	ALV-WHSC2 104969878	ALV-WHSC3 104969886	ALV-WHSC4 104969894	ALV-WHSC5 104969852	ALF SMB 1 105003834	ALF SMB 2 105003842
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	10.1	6.39	5.44	10.6	5.59	6.07	1.13	0.83
1,2,3,7,8-PeCDF	0.1	0.848	0.478	0.357	0.717	0.338	0.501	0.269	0.204
2,3,4,7,8-PeCDF	0.1	1.27	0.725	0.624	1.36	0.622	0.774	0.428	0.315
1,2,3,4,7,8-HxCDF	0.25	<DL							
1,2,3,6,7,8-HxCDF	0.25	<DL							
2,3,4,6,7,8-HxCDF	0.25	<DL							
1,2,3,7,8,9-HxCDF	0.25	<DL							
1,2,3,4,6,7,8-HpCDF	0.5	<DL							
1,2,3,4,7,8,9-HpCDF	0.5	<DL							
OCDF	1	<DL							
2,3,7,8-TCDD	0.1	0.337	0.227	0.175	0.391	0.214	0.162	0.107	0.131
1,2,3,7,8-PeCDD	0.1	0.151	0.113	0.103	0.18	0.136	0.131	<DL	0.104
1,2,3,4,7,8-HxCDD	0.25	<DL							
1,2,3,6,7,8-HxCDD	0.25	<DL							
1,2,3,7,8,9-HxCDD	0.25	<DL							
1,2,3,4,6,7,8-HpCDD	0.5	<DL							
OCDD	1	1.29	2.54	<DL	1.64	2.08	1.06	1.66	<DL
Total TEQ (ND=0)		2.178	1.365	1.152	2.35	1.236	1.312	0.4478	0.486
Total TEQ (ND=DL)		2.366	1.555	1.34	2.539	1.425	1.5	0.7345	0.6759
% Lipids		3.87	2.67	2.84	4.72	2.92	2.84	0.864	0.68
Sample weight (g)		30.4	30.1	30.3	30.2	30.2	30.4	30.4	30

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ALF SMB 3 105003859	ALF SMB 4 105003867	ALF SMB 5 105003875	ALF SMB 6 105003883	ALF SMB 7 105003891	ALF SMB 8 105003909	ALF SMB 9 105003917	ALF SMB 10 105003925
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	0.186	1.21	1.28	0.475	0.227	1.11	0.435	0.302
1,2,3,7,8-PeCDF	0.1	<DL	0.198	0.332	<DL	<DL	0.189	<DL	<DL
2,3,4,7,8-PeCDF	0.1	<DL	0.309	0.473	0.155	<DL	0.326	0.14	0.146
1,2,3,4,7,8-HxCDF	0.25	<DL							
1,2,3,6,7,8-HxCDF	0.25	<DL							
2,3,4,6,7,8-HxCDF	0.25	<DL							
1,2,3,7,8,9-HxCDF	0.25	<DL							
1,2,3,4,6,7,8-HpCDF	0.5	<DL							
1,2,3,4,7,8,9-HpCDF	0.5	<DL							
OCDF	1	<DL							
2,3,7,8-TCDD	0.1	<DL	<DL	0.128	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8-PeCDD	0.1	<DL							
1,2,3,4,7,8-HxCDD	0.25	<DL							
1,2,3,6,7,8-HxCDD	0.25	<DL							
1,2,3,7,8,9-HxCDD	0.25	<DL							
1,2,3,4,6,7,8-HpCDD	0.5	<DL							
OCDD	1	<DL	1.04						
Total TEQ (ND=0)		0.01858	0.2853	0.5088	0.1248	0.02274	0.2837	0.1136	0.1035
Total TEQ (ND=DL)		0.4624	0.6733	0.7988	0.5153	0.4668	0.6718	0.5084	0.4977
% Lipids		0.118	0.976	0.846	0.37	0.157	0.929	0.406	0.243
Sample weight (g)		30.1	30.2	30	30.4	30.1	30.2	30	30.1

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ALF WHS 1 104869466	ALF WHS 5 104869474	ALF WHS 6 104869482	ALF WHS 7 104869490	ALF WHS 8 104869508	ALF WHS 9 104869516	ALF WHS 10 104869524	ALF WHS 11 104869532
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	3.46	1.5	2.3	4	3.5	3.2	2.85	1.54
1,2,3,7,8-PeCDF	0.1	<DL	<DL	0.495	0.325	<DL	<DL	<DL	<DL
2,3,4,7,8-PeCDF	0.1	0.485	0.316	0.219	0.361	0.415	0.399	0.229	0.2
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL						
1,2,3,6,7,8-HxCDF	0.25	<DL	<DL						
2,3,4,6,7,8-HxCDF	0.25	<DL	<DL						
1,2,3,7,8,9-HxCDF	0.25	<DL	<DL						
1,2,3,4,6,7,8-HpCDF	0.5	<DL	<DL						
1,2,3,4,7,8,9-HpCDF	0.5	<DL	<DL						
OCDF	1	<DL	<DL						
2,3,7,8-TCDD	0.1	0.138	<DL	0.118	0.158	0.174	0.142	0.138	<DL
1,2,3,7,8-PeCDD	0.1	0.109	<DL	<DL	<DL	0.102	0.113	<DL	<DL
1,2,3,4,7,8-HxCDD	0.25	<DL	<DL						
1,2,3,6,7,8-HxCDD	0.25	<DL	<DL						
1,2,3,7,8,9-HxCDD	0.25	<DL	<DL						
1,2,3,4,6,7,8-HpCDD	0.5	<DL	<DL						
OCDD	1	<DL	<DL						
Total TEQ (ND=0)		0.8359	0.3084	0.483	0.7543	0.8339	0.7748	0.5378	0.2541
Total TEQ (ND=DL)		1.028	0.7022	0.7646	1.04	1.02	0.9688	0.8214	0.6402
% Lipids		1.92	1.59	2.2	2.06	2.14	2.34	2.01	0.877
Sample weight (g)		30.5	30.1	30.9	30.5	31.5	30.2	31.2	30.7

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ALF WHS 12 104869540	ALF WHS 13 104869557	ALW SMB C1 105033187	ALW SMB C2 105033195	ALW WHP 1 105004055	ALW WHP 2 105004063	ALW WHP 3 105004071
Compound	DL (ng/Kg)							
2,3,7,8-TCDF	0.1	4.13	2.19	1.49	1	0.474	0.794	1.76
1,2,3,7,8-PeCDF	0.1	<DL	<DL	0.354	0.267	<DL	<DL	0.434
2,3,4,7,8-PeCDF	0.1	0.466	0.26	0.82	0.711	0.279	0.692	1.21
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	0.701	<DL
2,3,4,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	1.59
1,2,3,4,7,8,9-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
OCDF	1	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,7,8-TCDD	0.1	0.171	<DL	0.164	0.21	<DL	<DL	<DL
1,2,3,7,8-PeCDD	0.1	0.128	<DL	<DL	0.156	<DL	<DL	0.209
1,2,3,4,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDD	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
OCDD	1	<DL	1.88	<DL	<DL	1.77	1.27	1.24
Total TEQ (ND=0)		0.9448	0.3492	0.7406	0.8357	0.187	0.4956	1.026
Total TEQ (ND=DL)		1.139	0.7424	1.025	1.025	0.5712	0.8642	1.31
% Lipids		2.35	1.46	2.87	1.84	0.55	1.1	2.48
Sample weight (g)		30.2	30.2	30.6	30.2	30.9	30.1	30

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		ALW WHP 4 105004089	ALW WHP 8 105004121	ALW WHP 9 105004139	ALW WHP 10 105004147	ALW WHP C1 105004154	ALW WHP C2 105004162	PLW SMB 1 105003933
Compound	DL (ng/Kg)							
2,3,7,8-TCDF	0.1	1.14	1.1	0.564	1.02	0.878	1.1	0.173
1,2,3,7,8-PeCDF	0.1	0.204	0.218	0.162	0.286	<DL	0.2	<DL
2,3,4,7,8-PeCDF	0.1	0.776	0.727	0.422	1.04	0.64	0.843	<DL
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,4,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDF	0.5	1.18	1.37	2.62	1.64	0.701	1.55	<DL
1,2,3,4,7,8,9-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL
OCDF	1	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3,7,8-TCDD	0.1	0.143	0.148	0.109	0.133	0.114	0.126	<DL
1,2,3,7,8-PeCDD	0.1	0.124	0.127	<DL	0.125	0.117	0.143	<DL
1,2,3,4,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDD	0.5	<DL	<DL	<DL	<DL	0.883	<DL	<DL
OCDD	1	<DL	<DL	1.04	1.07	15.1	1.83	<DL
Total TEQ (ND=0)		0.7909	0.7735	0.4104	0.9108	0.6559	0.8257	0.01727
Total TEQ (ND=DL)		0.9743	0.9561	0.6941	1.095	0.8392	1.008	0.4588
% Lipids		1.99	1.71	0.73	1.17	1.84	2	1.03
Sample weight (g)		30.3	30.4	30.1	30.1	30.3	30.4	30.2

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		PLW SMB 2 105003941	PLW SMB 3 105003958	PLW SMB 4 105003966	PLW SMB 5 105003974	PLW SMB 6 105003982	PLW SMB 7 105003990	PLW SMB 8 105004006	PLW SMB 9 105004014
Compound	DL (ng/Kg)								
2,3,7,8-TCDF	0.1	0.124	0.131	<DL	0.143	<DL	<DL	0.161	0.112
1,2,3,7,8-PeCDF	0.1	<DL							
2,3,4,7,8-PeCDF	0.1	0.12	<DL	<DL	0.167	<DL	0.38	<DL	<DL
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	0.279	0.71	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	0.458	<DL	<DL
2,3,4,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL	0.281	<DL	<DL
1,2,3,7,8,9-HxCDF	0.25	<DL							
1,2,3,4,6,7,8-HpCDF	0.5	<DL							
1,2,3,4,7,8,9-HpCDF	0.5	<DL							
OCDF	1	<DL							
2,3,7,8-TCDD	0.1	<DL							
1,2,3,7,8-PeCDD	0.1	<DL							
1,2,3,4,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	0.413	<DL	<DL
1,2,3,6,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	0.384	<DL	<DL
1,2,3,7,8,9-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL	0.462	<DL	<DL
1,2,3,4,6,7,8-HpCDD	0.5	<DL							
OCDD	1	<DL	<DL	<DL	<DL	2.5	1.8	<DL	<DL
Total TEQ (ND=0)	0.07231	0.01312	0	0.09769	0.02812	0.4612	0.01614	0.01116	
Total TEQ (ND=DL)	0.4569	0.4475	0.4695	0.4913	0.5707	0.7144	0.4587	0.4427	
% Lipids	0.46	0.54	0.244	0.65	0.52	0.42	0.48	0.5	
Sample weight (g)	30.8	30.8	30.7	30.1	30.6	30.2	30.2	31	

APPENDIX 2. DIOXINS AND FURANS IN 2003 FISH SAMPLES

DEP ID EXT ID		PLW SMB 10 105004022	PLW SMB C1 105004030	PLW SMB C2 105004048	PLW-WHPC1 105014567	PLW-WHPC2 105014575
Compound	DL (ng/Kg)					
2,3,7,8-TCDF	0.1	<DL	0.26	0.151	0.402	0.482
1,2,3,7,8-PeCDF	0.1	<DL	0.135	<DL	<DL	0.13
2,3,4,7,8-PeCDF	0.1	<DL	<DL	0.101	0.262	0.336
1,2,3,4,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL
2,3,4,6,7,8-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDF	0.25	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDF	0.5	<DL	0.737	<DL	<DL	<DL
1,2,3,4,7,8,9-HpCDF	0.5	<DL	<DL	<DL	<DL	<DL
OCDF	1	<DL	<DL	<DL	<DL	<DL
2,3,7,8-TCDD	0.1	<DL	<DL	0.113	<DL	<DL
1,2,3,7,8-PeCDD	0.1	<DL	<DL	0.112	0.101	0.0992
1,2,3,4,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL
1,2,3,6,7,8-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL
1,2,3,7,8,9-HxCDD	0.25	<DL	<DL	<DL	<DL	<DL
1,2,3,4,6,7,8-HpCDD	0.5	<DL	<DL	<DL	<DL	<DL
OCDD	1	1.3	<DL	<DL	<DL	<DL
Total TEQ (ND=0)		0.00013	0.04013	0.2901	0.2723	0.322
Total TEQ (ND=DL)		0.4411	0.4722	0.4817	0.5663	0.6098
% Lipids		0.15	1.7	1.2	1.68	2.18
Sample weight (g)		31	30.2	30.6	30.1	30.2